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German-Made Heavy Machine Gun Nests

7. German-made heavy machine gun bunkers are built of reinforced concrete, and have an outer diameter of 5-6 meters, and an inner diameter of 2-2.5 meters. The roof is 1.6-1.8 meters thick. The bunkers are 1.5-1.8 meters high, and extend 1.5-2 meters underground. "Most" of the bunkers are surrounded by a barbed wire entanglement 7-8 meters wide and 40-50 centimeters high.

(A sketch based on a free-hand drawing of informant and showing these machine gun nests is included as Appendix C, on page 6).

Heavy Machine Gun Nests

8. The heavy machine gun nests have walls of concrete faced brick 30-40 centimeters thick, and roofs of beech rafters covered with earth. The embrasure, inner dimensions 40-50 x 30-40 centimeters, is of reinforced concrete. The nests are placed to protect roads and dominating points in the area. They are connected with the main fortification lines by spur fortification lines.

(A sketch based on a free-hand drawing made by informant, is included as Appendix D on page 7).

Mortar Emplacements

9. Mortar emplacements for two to five mortars are constructed with the same general plan as the heavy machine gun emplacements. All the mortar emplacements have the same dimensions, with a stone foundation of 40-50 centimeters and walls of 35-40 centimeters thick. Adjacent emplacements are placed at 7-8 meter intervals. The over-all length of a 5-mortar emplacement is 40-50 meters. The portion of the emplacement line above ground is shown in Figure #3, Appendix E. The entrances of the underground sections (see Figure #2, Appendix E) are covered with arched brick roofs which are covered with cement and 4-5 centimeters of earth. The underground portions of the line (see Figure #1, Appendix E) have wooden rafters covered with 80-90 centimeters of earth. "Some" of the emplacements have personnel shelters at both ends of the line.

(A sketch based on a free-hand drawing made by informant and showing these mortar emplacements is included as Appendix E on pages 8, 9, and 10).

Antitank Gun Emplacements

10. The portion of the emplacement above ground is shown in Figure #1, Appendix F. The foundations are 40-50 centimeters deep depending on the terrain, and built of stone. The brick walls are 50 centimeters thick. Prior to 1952, roofs were made with 30-40 centimeter thick wooden rafters, bradded together, and covered with approximately one meter of earth. In 1952, arched brick roofs covered with earth were built. (See Figure #2, Appendix E). Later in 1952, roofs were built of 30-35 centimeters reinforced concrete covered with 1-1.2 meters of earth. There are no guns currently in position.

(A sketch based on a free-hand drawing made by informant and showing these antitank guns emplacements is included as Appendix F on page 11).

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Observation Posts

11. Platoon commanders' observation posts are placed on high land, and have an arched brick roof covered with 50-60 centimeters of earth, and walls 30-40 centimeters thick. (See Figure #1, Appendix G on page 12). Except for size, company commanders' observation points (see Figure #3, Appendix G) have the same construction as Figure #1, Appendix G.

Personnel Shelters

12. The personnel shelters have walls 40-50 centimeters thick, and arched brick roofs covered with 1-1.2 meters of earth. The shelters can accommodate 15-20 persons. (See Figure #2, Appendix G on page 12).

Special Observation Post

13. A special observation post, built in 1941, is located 2-3 kilometers east of Malko Sharkovo (N 42-06, E 26-49). The post has walls and a roof of reinforced concrete 40-50 centimeters thick, and is not covered with earth.

(A sketch based on a free-hand drawing made by informant and showing this post is included as Appendix H on page 13).

Road Blocks from Knyazhevo (N 42-06, E 26-30) to Ustrem (N 42-01, E 26-27) Villages, Topolovgrad Okolina

14. There are five road blocks on the Knyazhevo-Srem (N 42-04, E 26-29) road. The permanent blocks are built of stone and cement, and the moveable barrier is located on a 500-600 x 200-250 x 20-30 centimeter cement platform.

(A sketch based on a free-hand drawing made by informant and showing these road blocks is included as Appendix I on page 14).

15. None of the fortifications, antitank, heavy machine gun or mortar emplacements are manned at present.

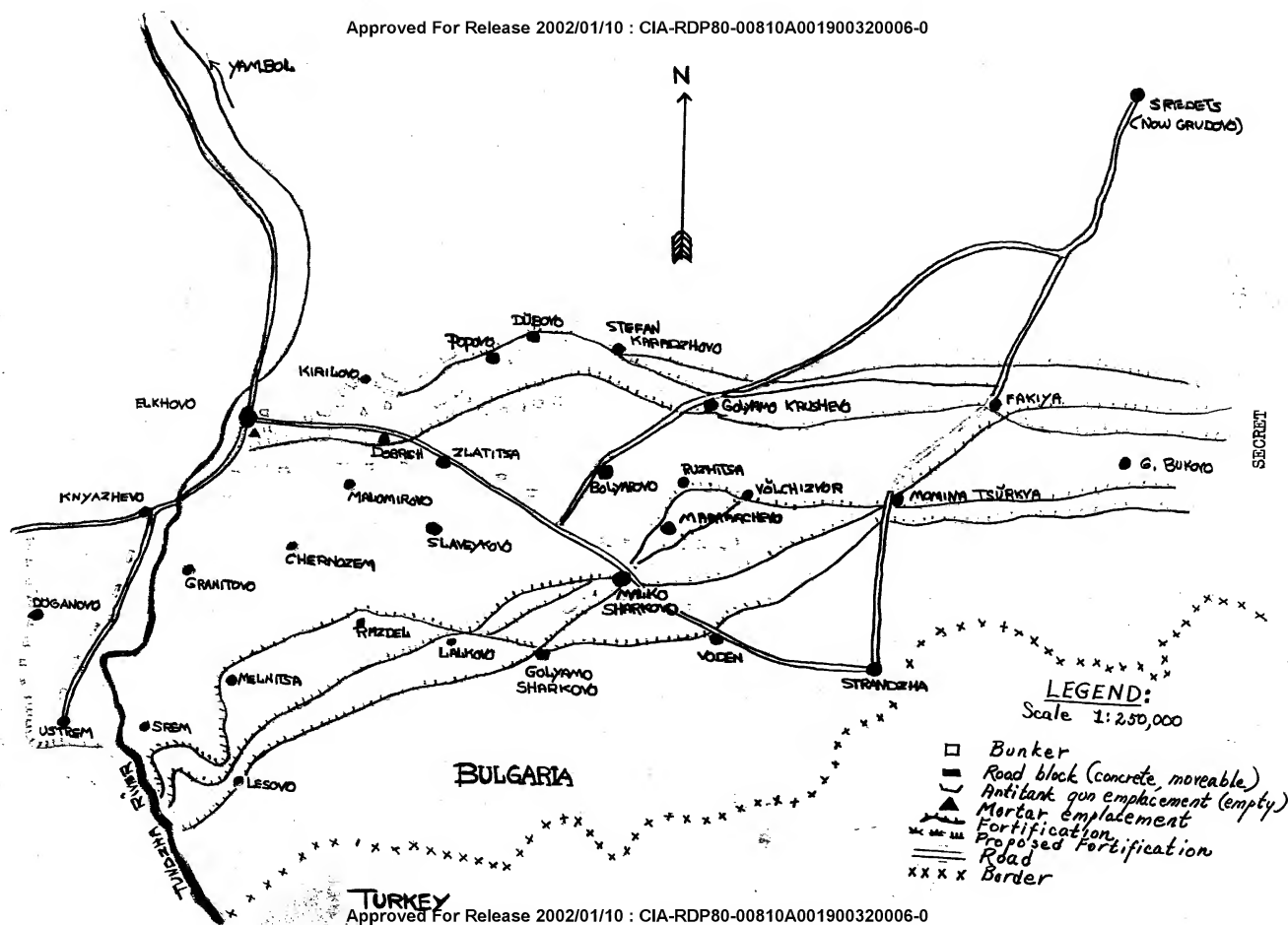
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Appendix A

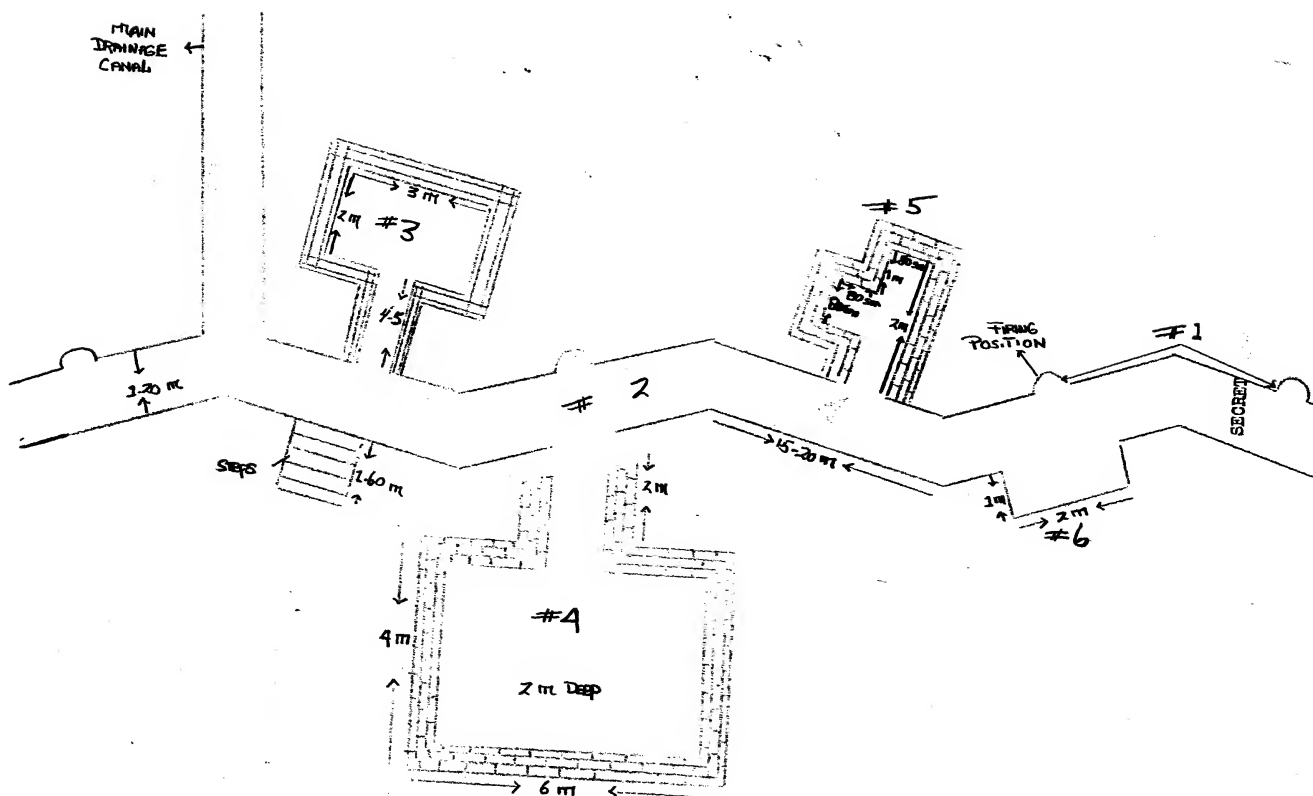


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Appendix B

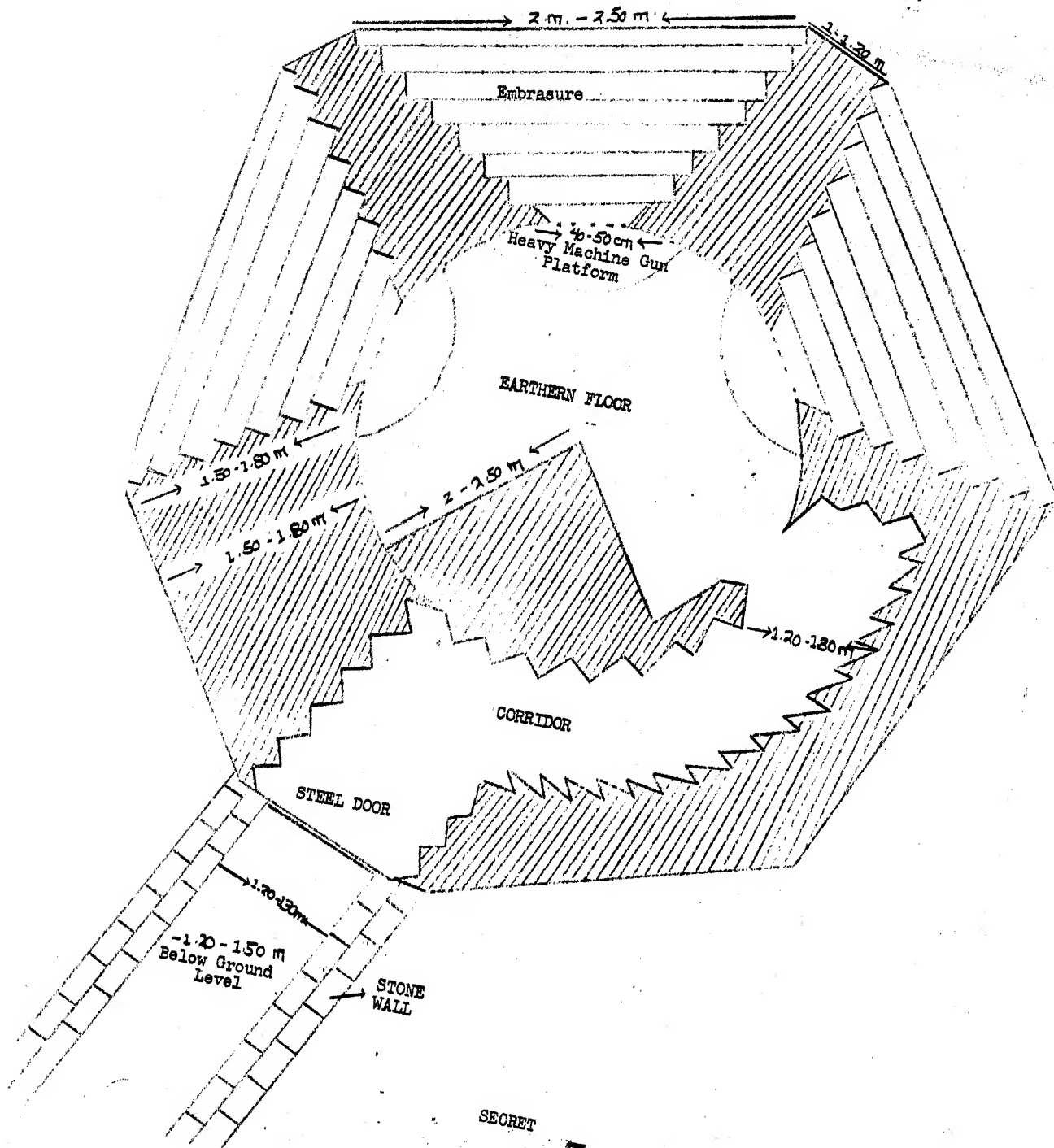


Appendix C

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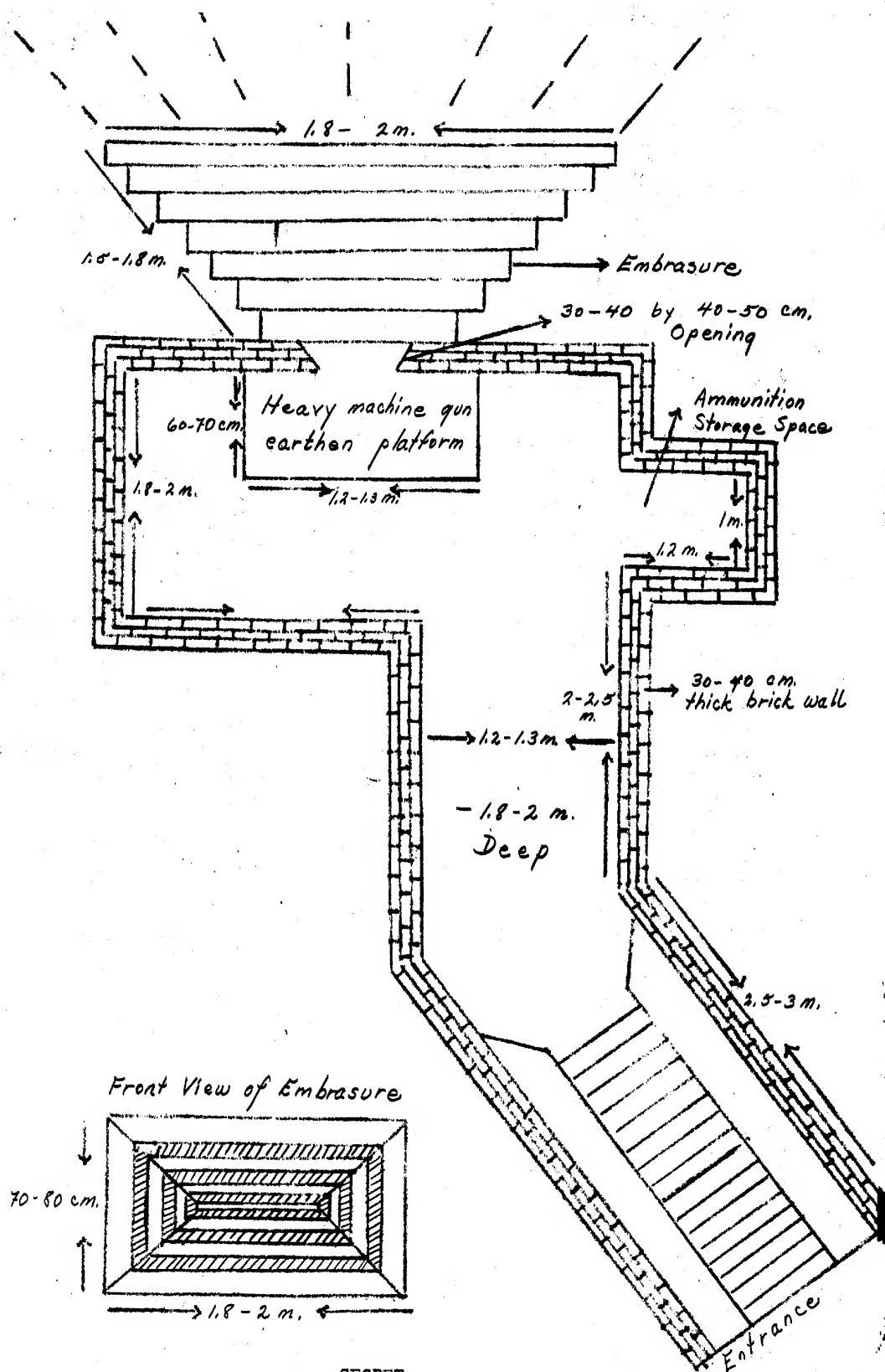


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Appendix D

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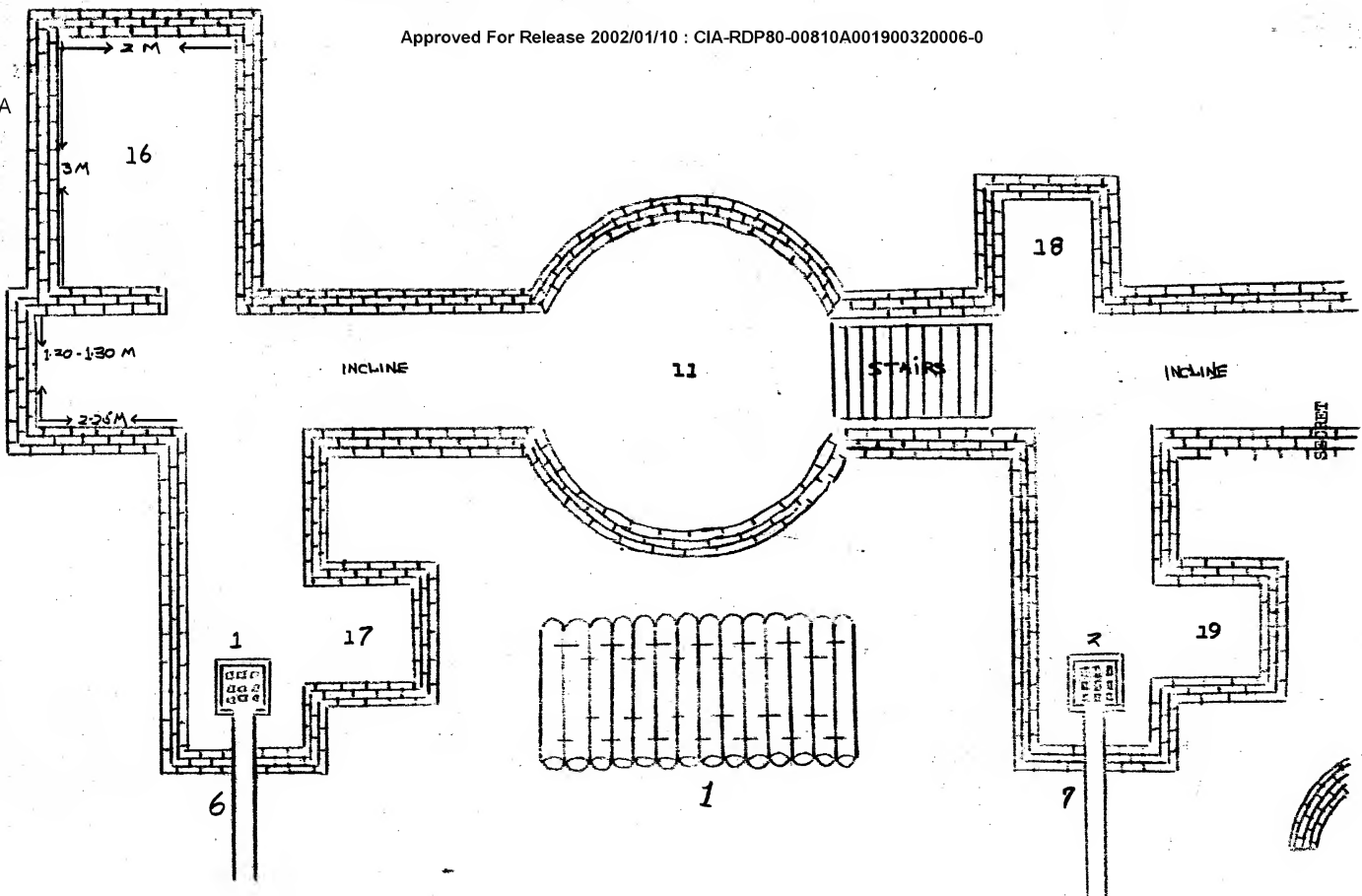


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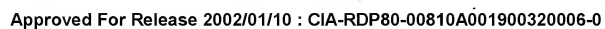
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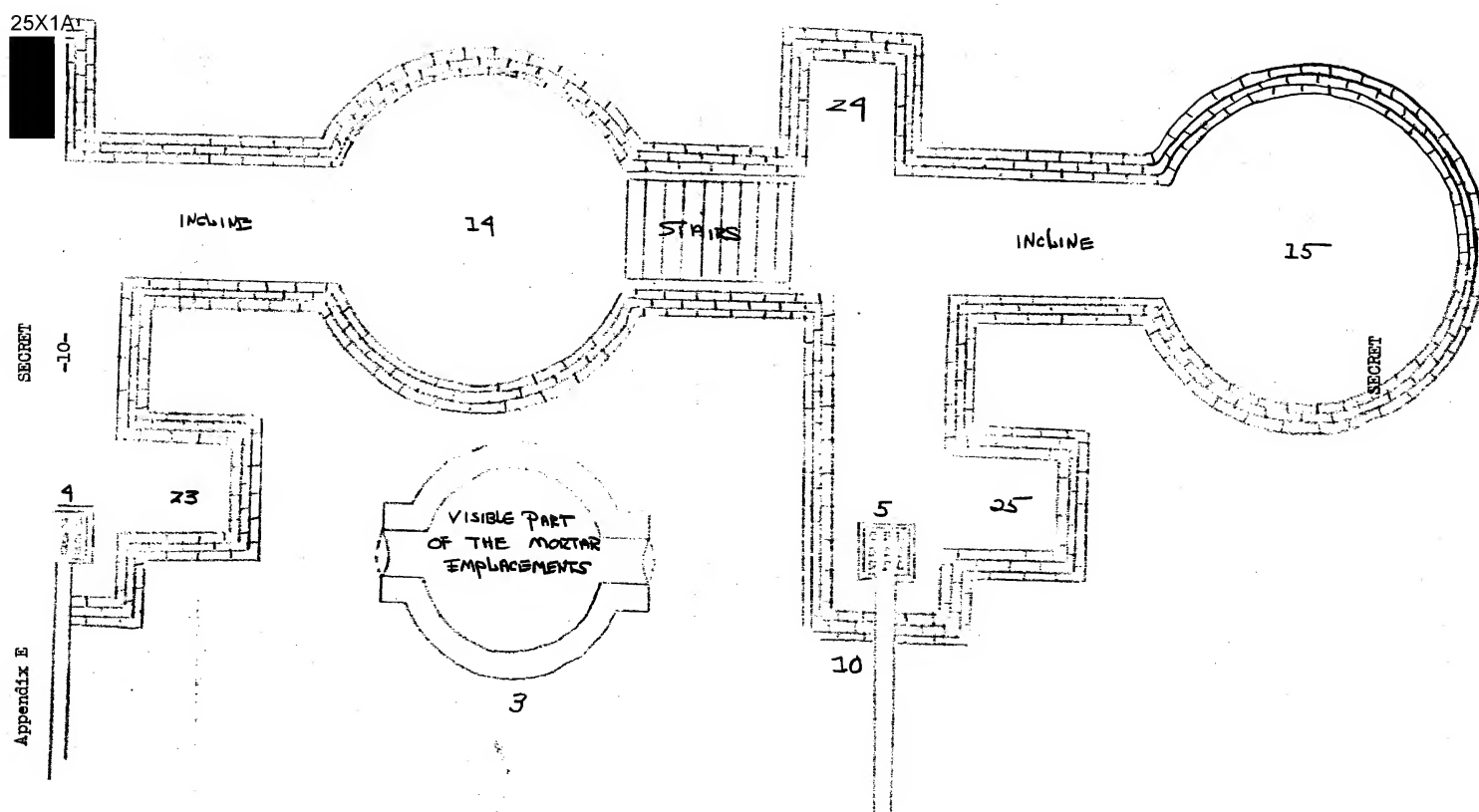
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Appendix E









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Appendix F

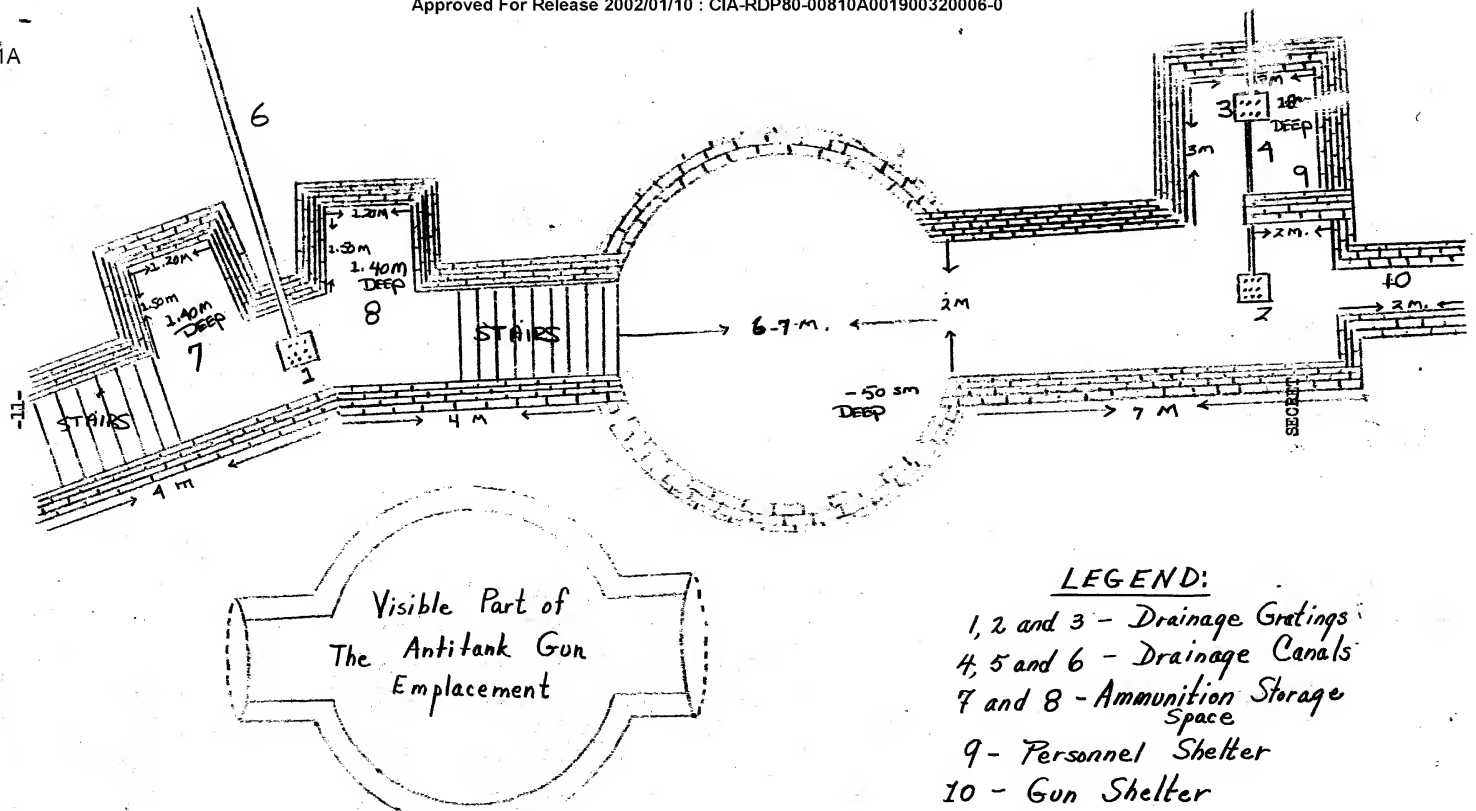
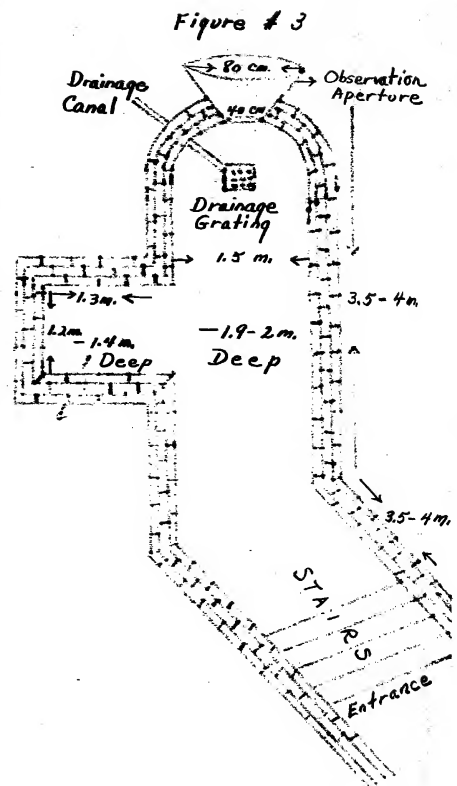
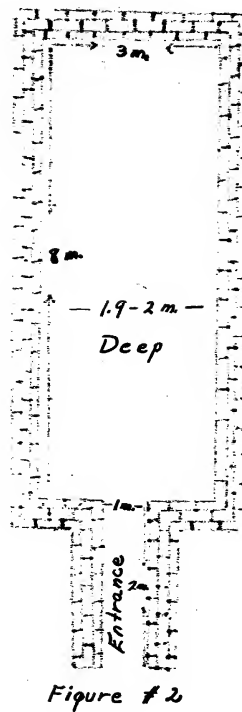
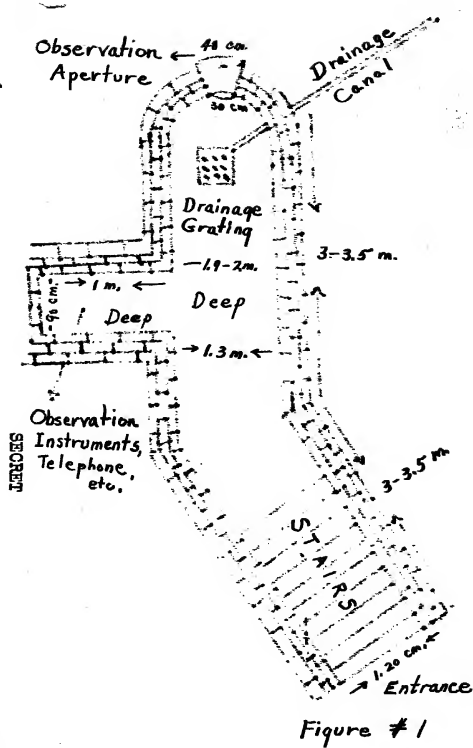


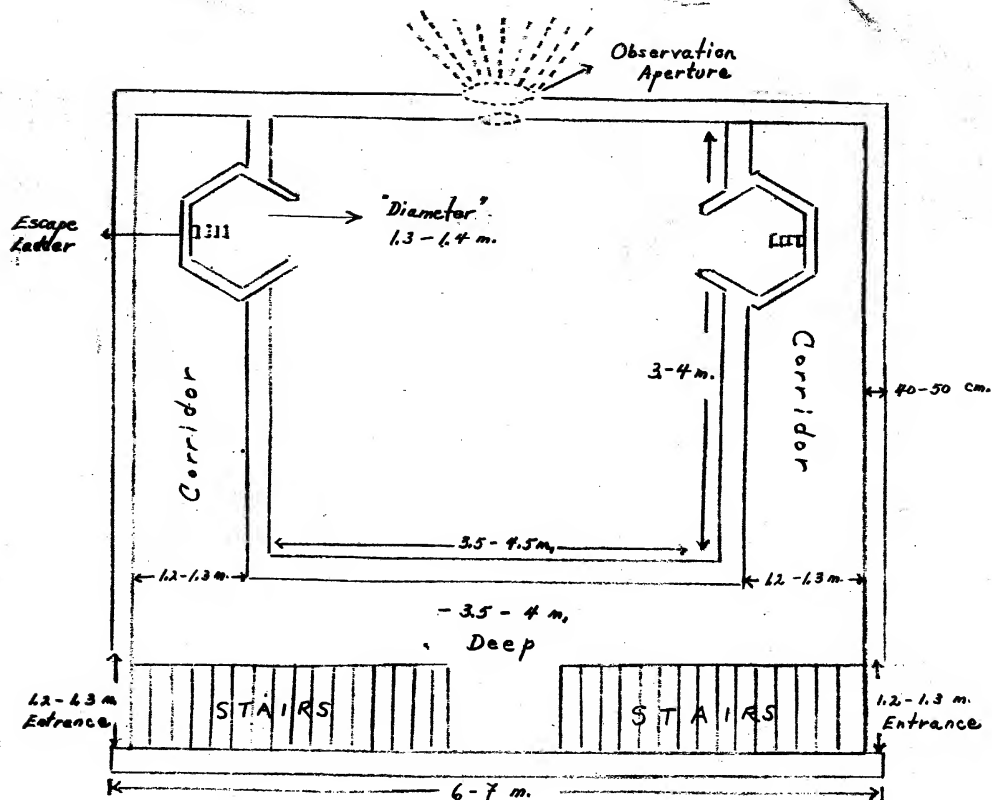
Figure # 1



Appendix G

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Appendix H

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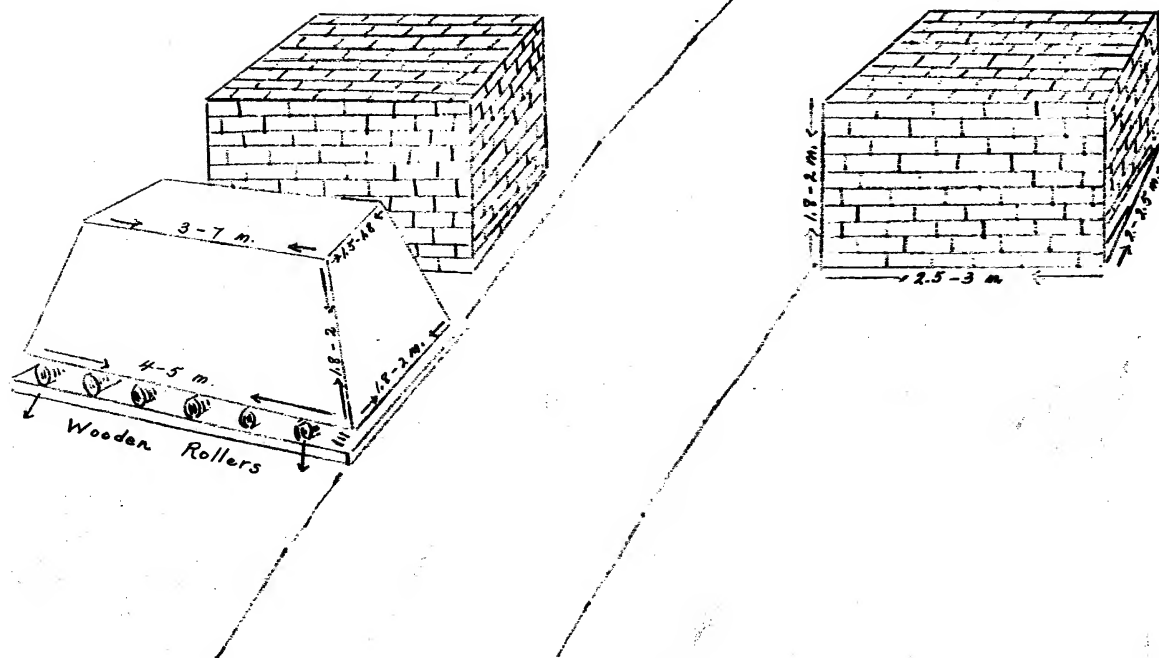
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Appendix I